

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130793.D
 Acq On : 26 Oct 2022 20:39
 Operator : CG\JU
 Sample : N5281-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D

Quant Time: Oct 27 09:06:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

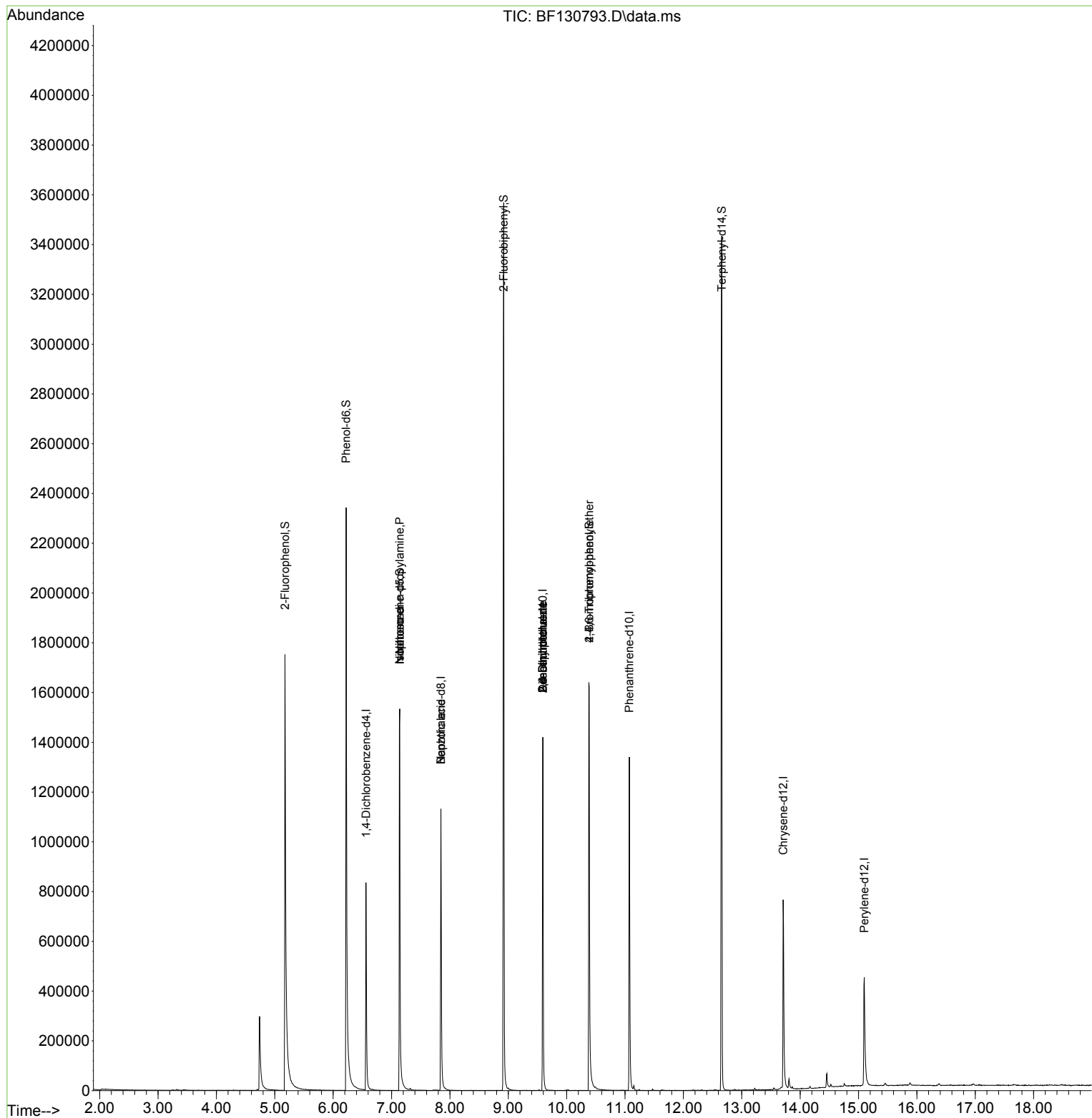
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	130657	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	541360	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	291502	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	502314	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	298745	20.000	ng	# 0.00
86) Perylene-d12	15.098	264	232375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	768226	101.390	ng	0.00
7) Phenol-d6	6.222	99	989717	107.960	ng	0.00
23) Nitrobenzene-d5	7.139	82	591774	57.988	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	238873	86.168	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	1122711	58.694	ng	0.00
79) Terphenyl-d14	12.657	244	1164610	65.694	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	76259	12.311	ng	# 75
25) Isophorone	7.139	82	591774	35.195	ng	# 65
32) Benzoic acid	7.845	122	71	6.024	ng	# 1
50) Dimethylphthalate	9.592	163	52783	2.692	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	37986	8.651	ng	# 30
57) 2,4-Dinitrotoluene	9.592	165	37986	6.422	ng	# 27
67) 4-Bromophenyl-phenylether	10.386	248	14833	2.455	ng	# 1
77) Benzidine	12.657	184	16159	Below Cal		# 93

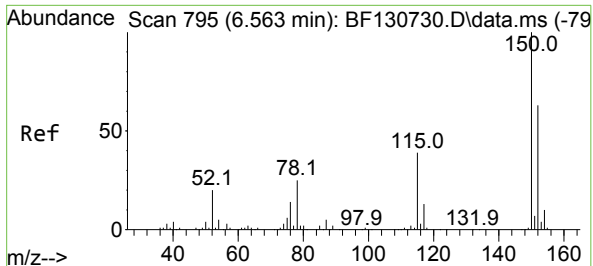
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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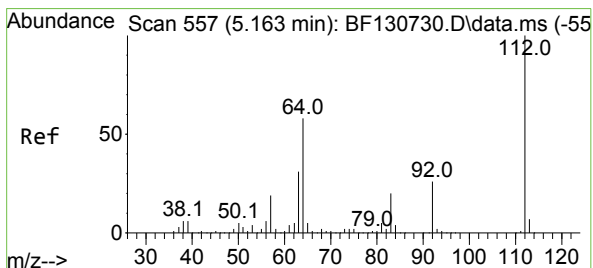
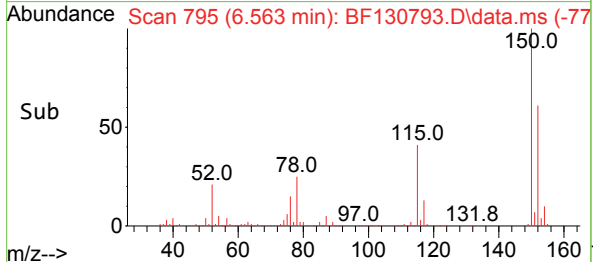
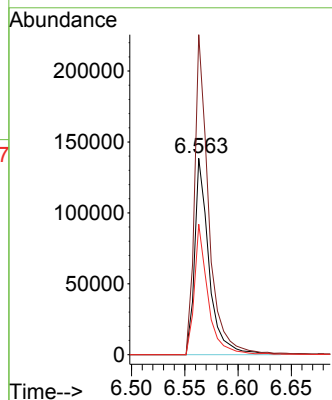
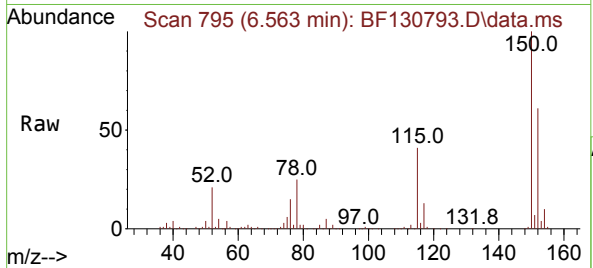




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

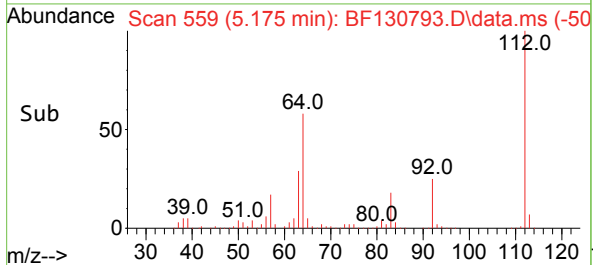
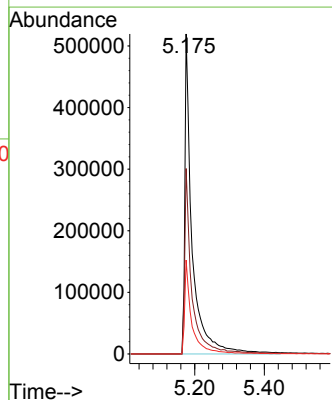
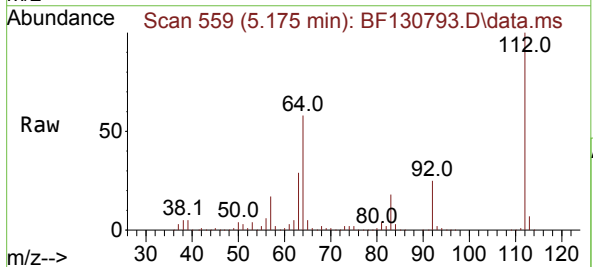
Instrument :
BNA_F
ClientSampleId :
SB-5D

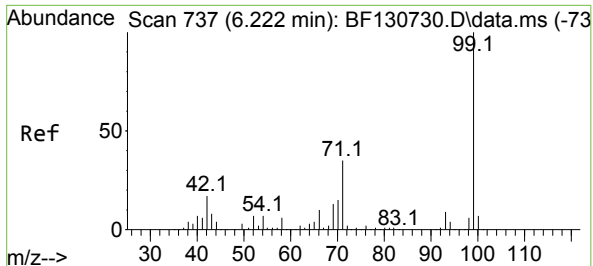
Tgt Ion:152 Resp: 130657
Ion Ratio Lower Upper
152 100
150 162.9 127.0 190.6
115 66.4 49.9 74.9



#5
2-Fluorophenol
Concen: 101.390 ng
RT: 5.175 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:112 Resp: 768226
Ion Ratio Lower Upper
112 100
64 58.0 46.2 69.4
63 29.3 25.1 37.7

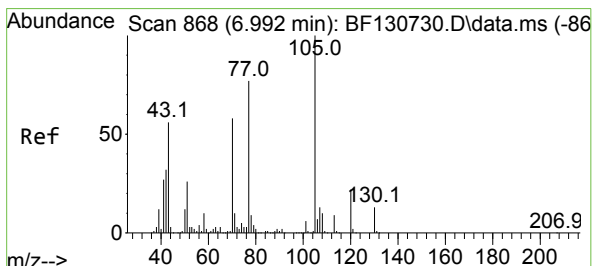
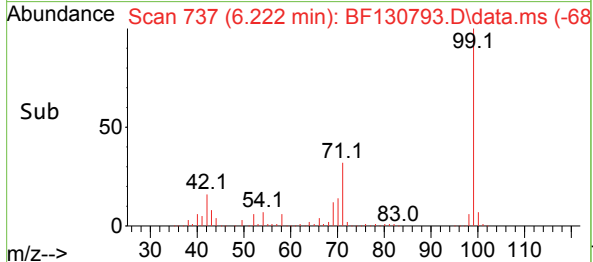
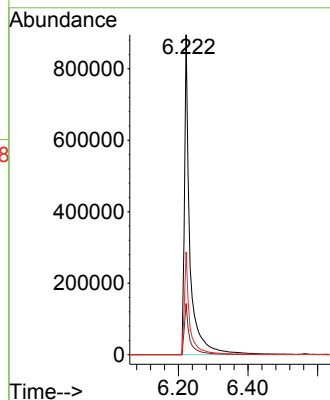
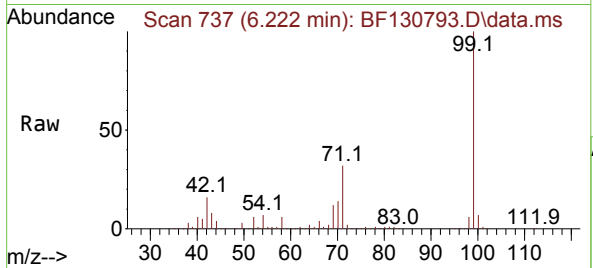




#7
Phenol-d6
Concen: 107.960 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

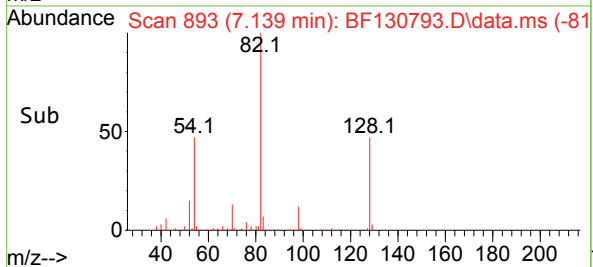
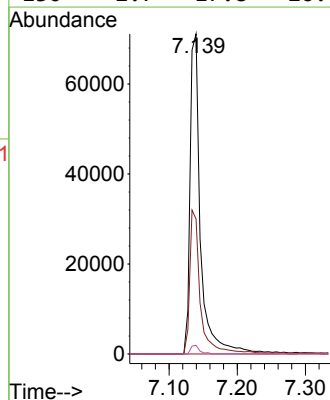
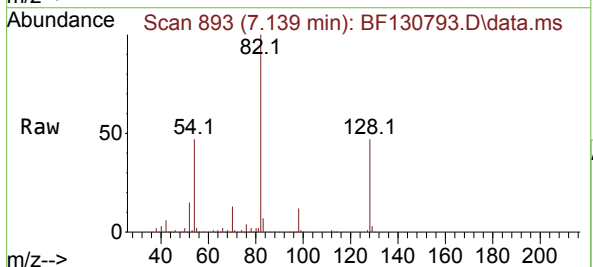
Instrument :
BNA_F
ClientSampleId :
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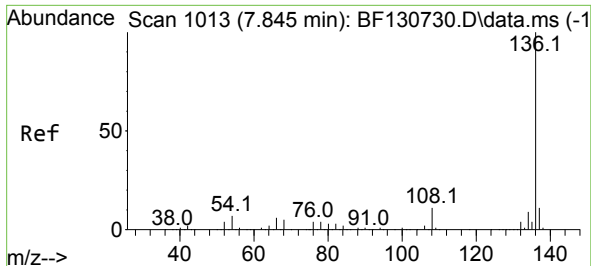
Tgt Ion: 99 Resp: 989717
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.8
71 32.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.311 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.147 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion: 70 Resp: 76259
Ion Ratio Lower Upper
70 100
42 42.2 44.1 66.1#
101 0.0 8.3 12.5#
130 2.7 17.8 26.6#

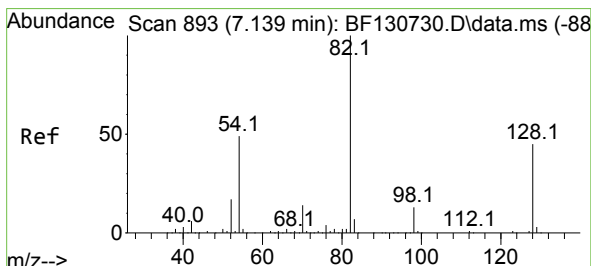
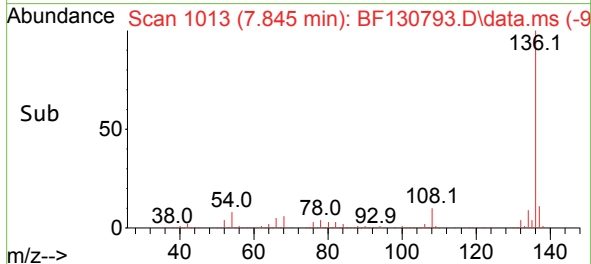
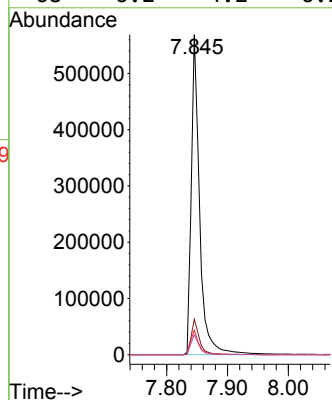
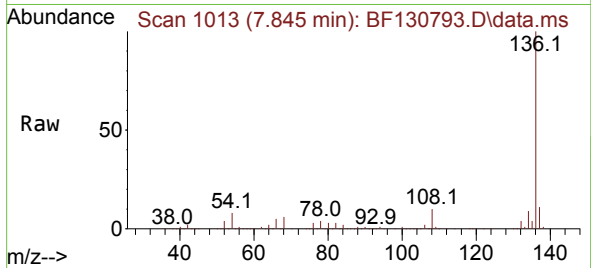




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

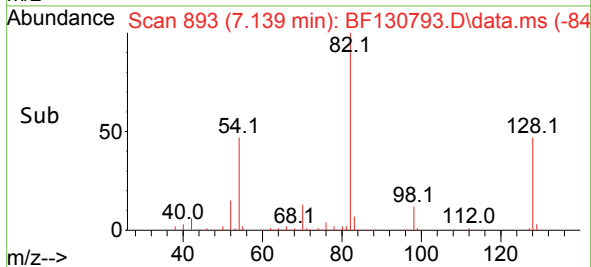
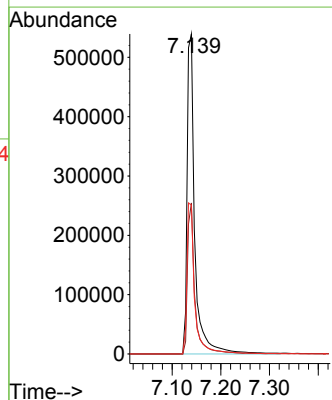
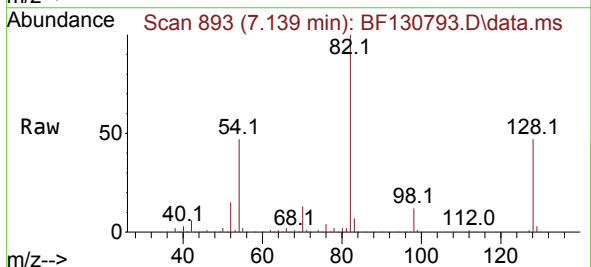
Instrument :
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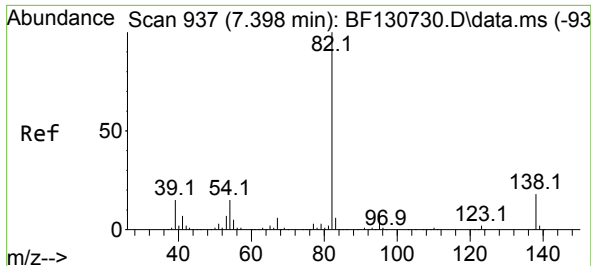
Tgt Ion:136 Resp: 541360
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 5.8 8.8
68 6.2 4.2 6.2



#23
Nitrobenzene-d5
Concen: 57.988 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion: 82 Resp: 591774
Ion Ratio Lower Upper
82 100
128 47.2 35.9 53.9
54 46.5 39.2 58.8

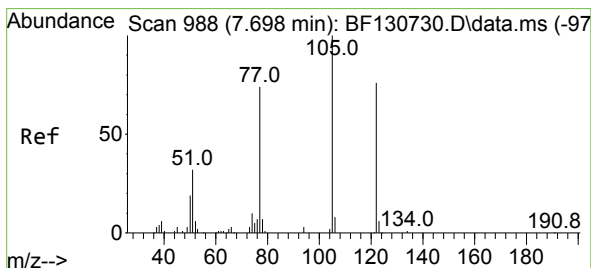
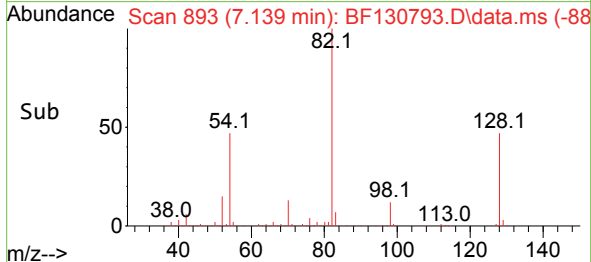
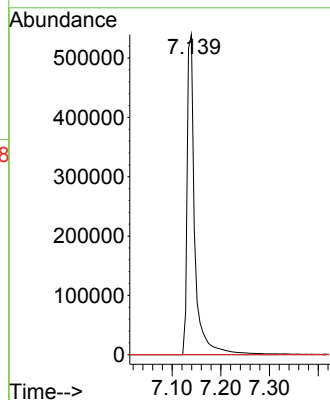
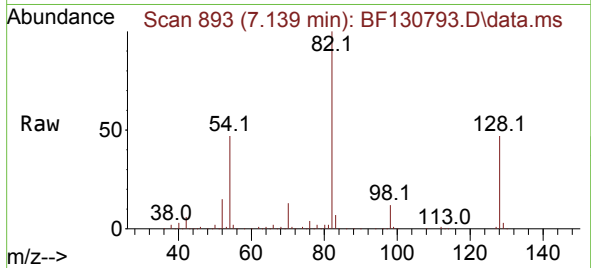




#25
Isophorone
Concen: 35.195 ng
RT: 7.139 min Scan# 893
Delta R.T. -0.259 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

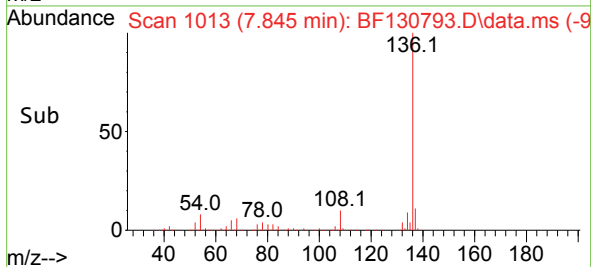
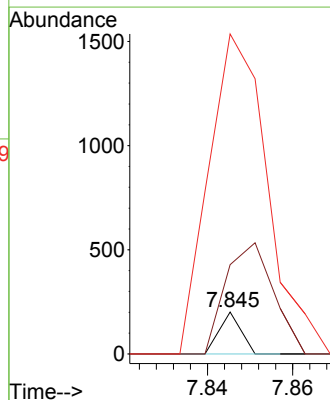
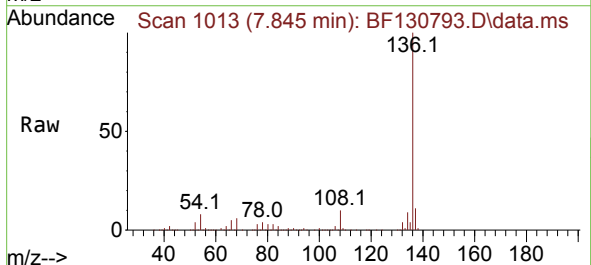
Instrument :
BNA_F
Client SampleId :
SB-5D

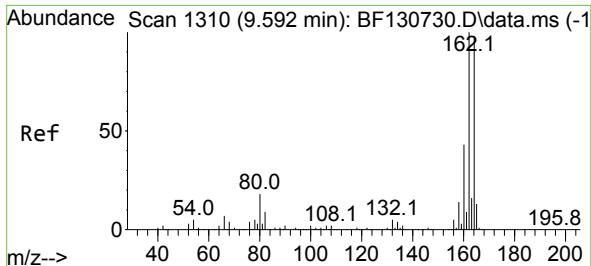
Tgt Ion: 82 Resp: 591774
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.024 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.141 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion: 122 Resp: 71
Ion Ratio Lower Upper
122 100
105 213.4 109.2 149.2#
77 764.2 75.7 115.7#

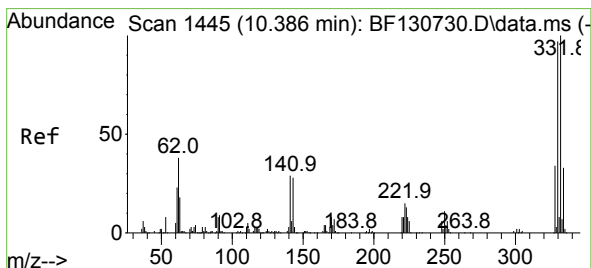
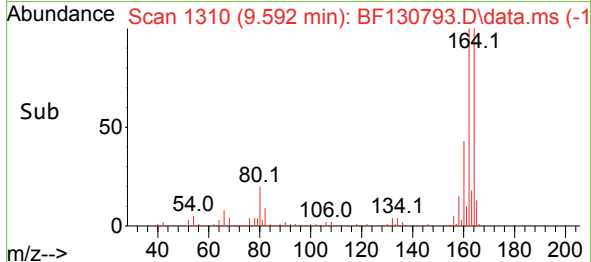
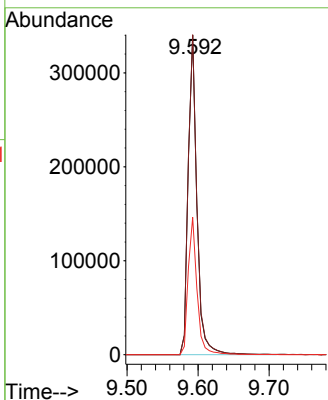
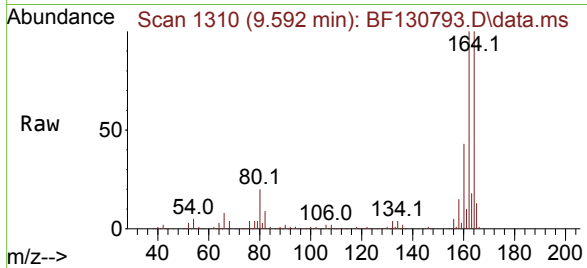




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

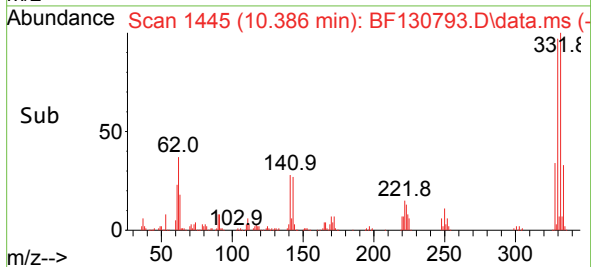
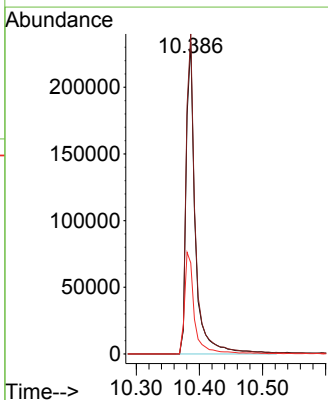
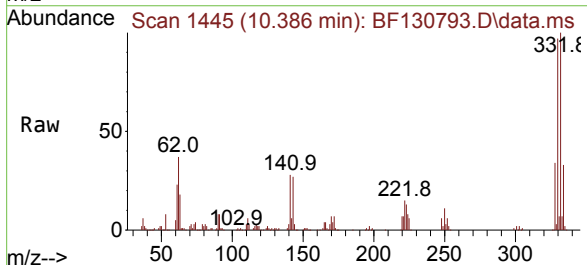
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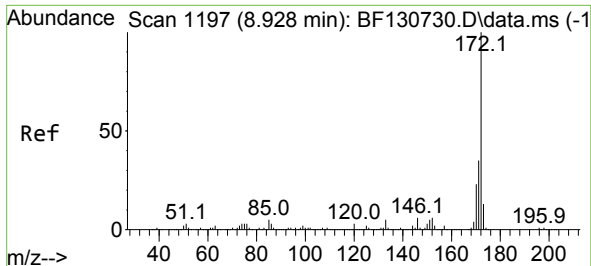
Tgt Ion:164 Resp: 291502
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 43.0 35.0 52.4



#42
2,4,6-Tribromophenol
Concen: 86.168 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:330 Resp: 238873
Ion Ratio Lower Upper
330 100
332 104.1 81.4 122.2
141 35.2 24.6 37.0

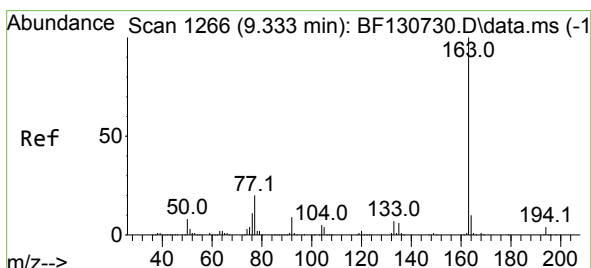
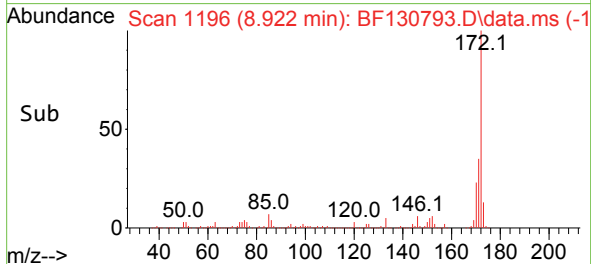
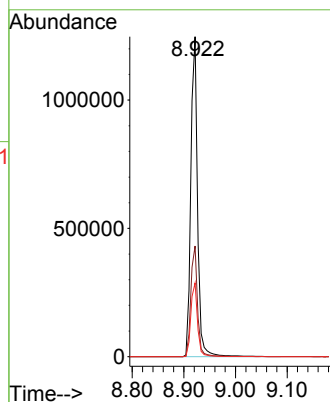
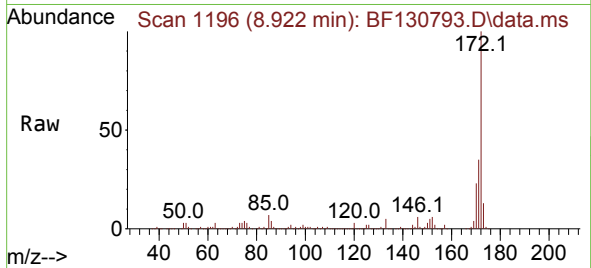




#45
2-Fluorobiphenyl
Concen: 58.694 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

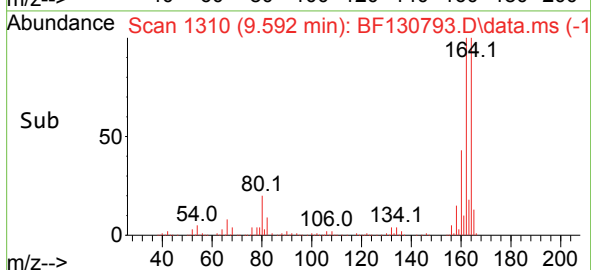
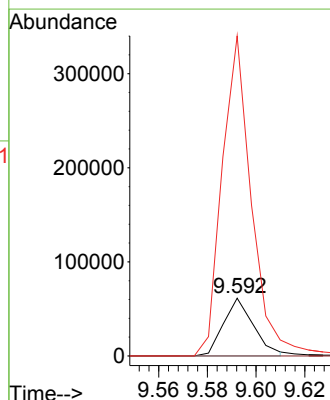
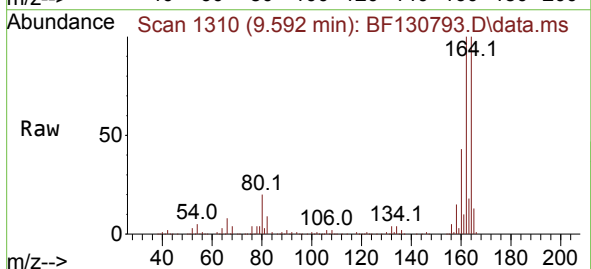
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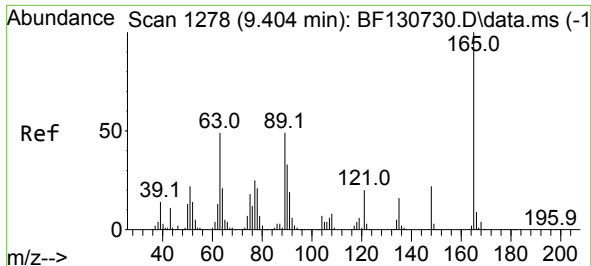
Tgt Ion:172 Resp: 1122711
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 2.692 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:163 Resp: 52783
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 553.5 8.1 12.1#

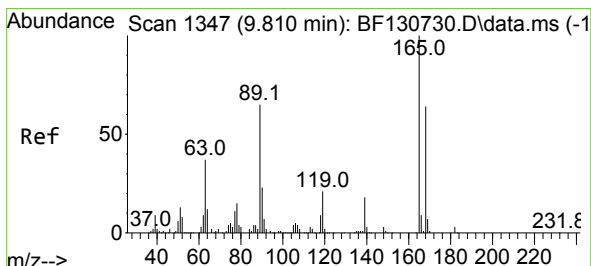
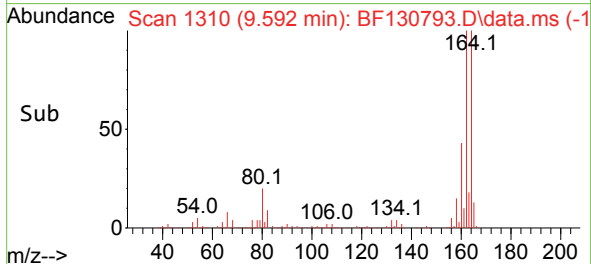
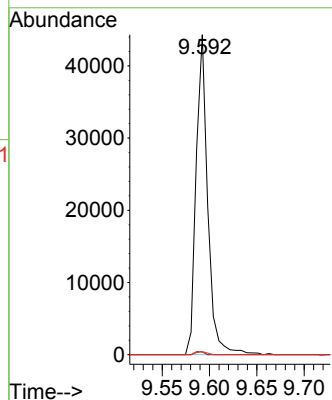
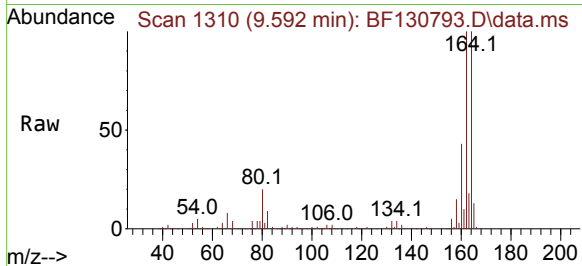




#51
2,6-Dinitrotoluene
Concen: 8.651 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

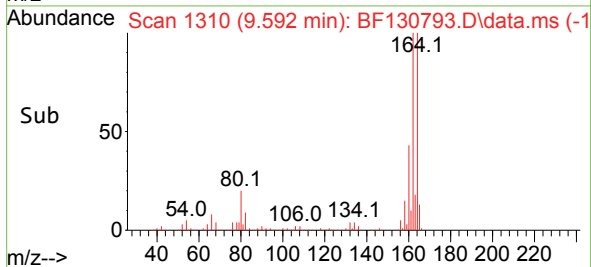
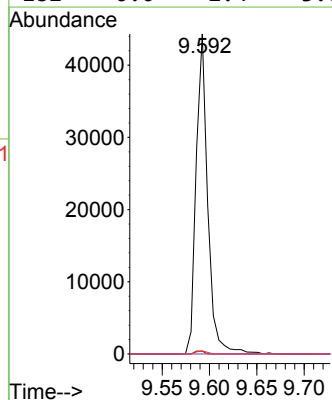
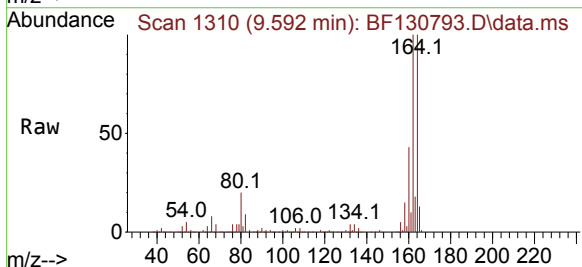
Instrument :
BNA_F
ClientSampleId :
SB-5D

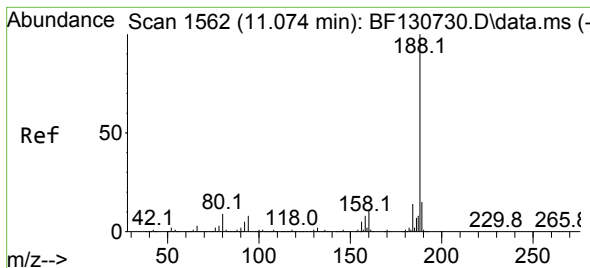
Tgt Ion:165 Resp: 37986
Ion Ratio Lower Upper
165 100
63 0.8 38.8 58.2#
89 0.9 39.4 59.2#



#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.218 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:165 Resp: 37986
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 0.9 51.9 77.9#
182 0.0 2.4 3.6#

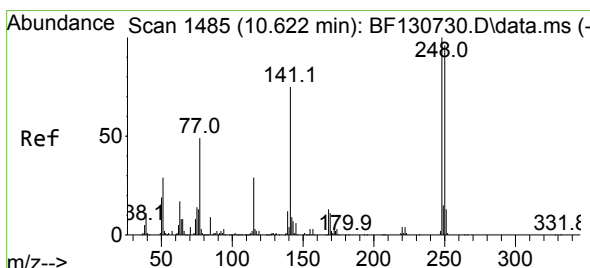
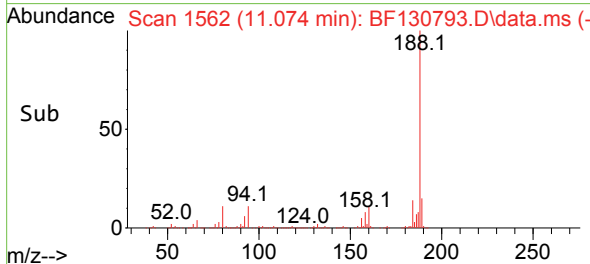
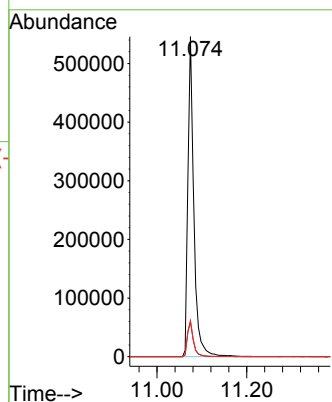
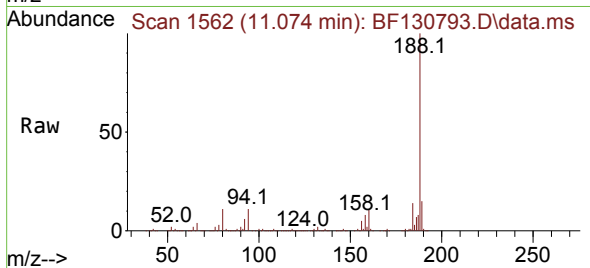




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

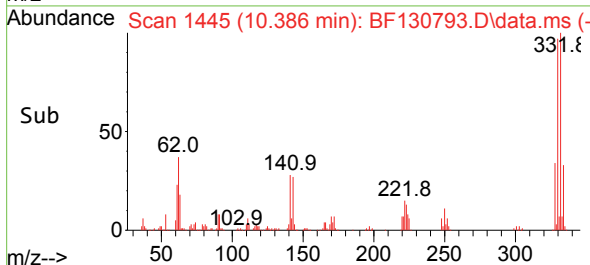
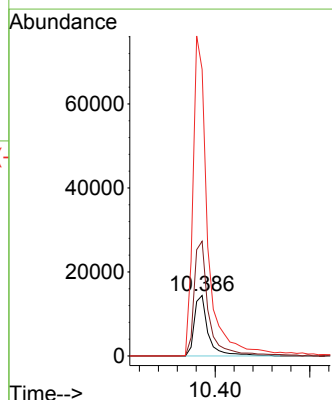
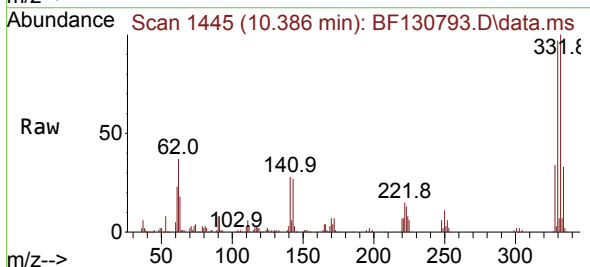
Instrument :
BNA_F
ClientSampleId :
SB-5D

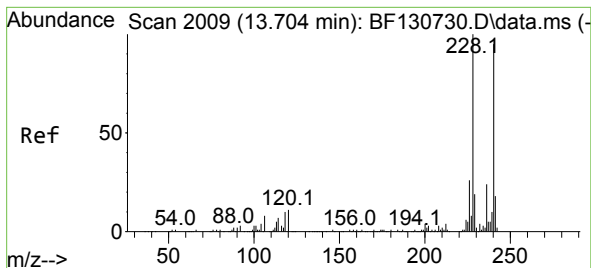
Tgt Ion:188 Resp: 502314
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.3 7.4 11.0#



#67
4-Bromophenyl-phenylether
Concen: 2.455 ng
RT: 10.386 min Scan# 1445
Delta R.T. -0.235 min
Lab File: BF130793.D
Acq: 26 Oct 2022 20:39

Tgt Ion:248 Resp: 14833
Ion Ratio Lower Upper
248 100
250 189.8 77.0 115.6#
141 473.9 60.1 90.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF130793.D

Acq: 26 Oct 2022 20:39

Instrument :

BNA_F

ClientSampleId :

SB-5D

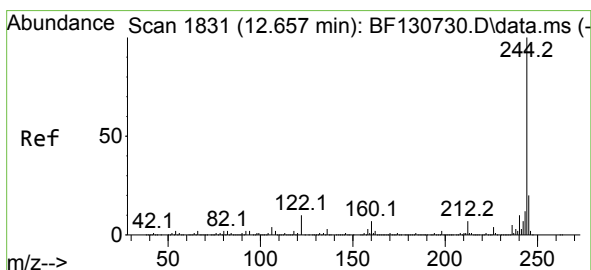
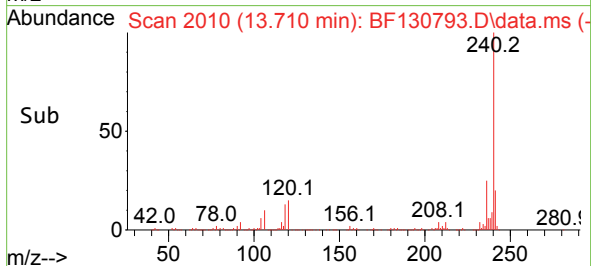
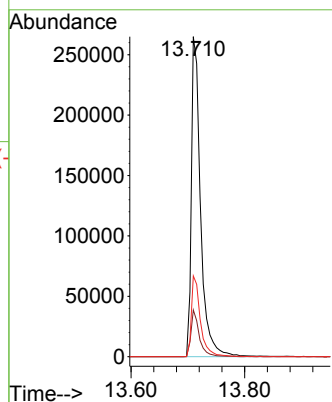
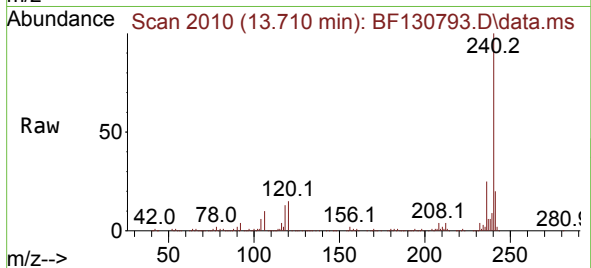
Tgt Ion:240 Resp: 298745

Ion Ratio Lower Upper

240 100

120 14.6 9.6 14.4#

236 25.3 20.2 30.2



#79

Terphenyl-d14

Concen: 65.694 ng

RT: 12.657 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF130793.D

Acq: 26 Oct 2022 20:39

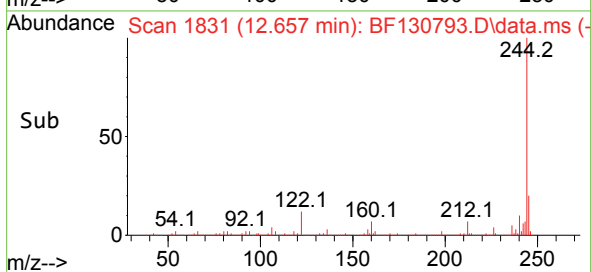
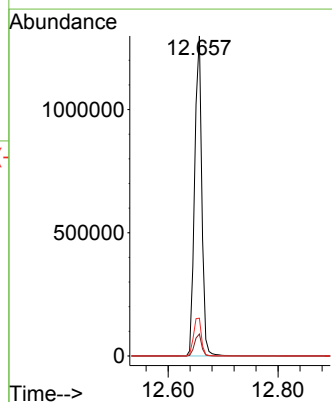
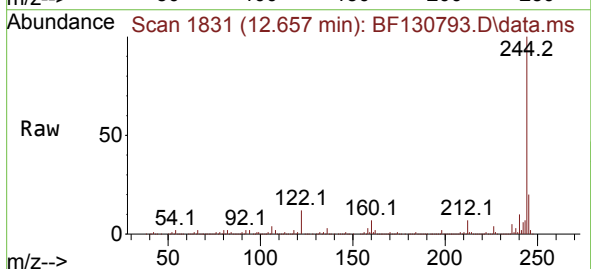
Tgt Ion:244 Resp: 1164610

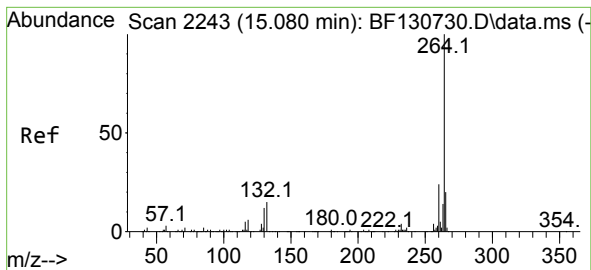
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

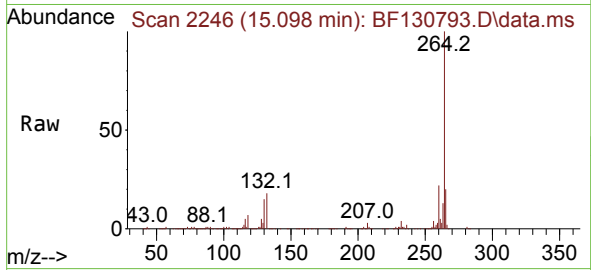
122 11.8 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130793.D
 Acq: 26 Oct 2022 20:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-5D



Tgt Ion:264 Resp: 232375
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.8 28.2
 265 20.5 16.2 24.4

